

B¹ 1. (Twice Amended) A recording device for capturing data, said recording device comprising:

at least one memory for storing image data associated with a time period; and

a control processor operative to store the data in the at least one memory;

wherein each image represented by the stored data associated with a portion of the time period closer to an event has a first image resolution and each image represented by the stored data associated with a portion of the time period further from the event has a second image resolution different than the first resolution.

2. (Twice Amended) The device of claim 1, wherein said device further comprises:

at least one first sensor type operative to generate the data; and

at least one second sensor type operative to generate a signal representing the event;

wherein each image represented by the stored data associated with the portion of the time period closer to the event has the first resolution responsive to the signal.

B² 7. (Twice Amended) The device of claim 1, wherein:

the data is video data; and

the data stored in said memory has a first frame rate prior to the event and has a second frame rate subsequent to the event.

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Cont 15. (Twice Amended) A method for recording data, comprising the steps of:

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storing first image data associated with a time period closer to an event, wherein each image represented by the stored first image data has a first image resolution; and

storing second image data associated with a time period further from said event, wherein each image represented by the stored second image data has a second image resolution different than the first resolution.

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19. (Twice Amended) The method of claim 15, wherein:

the stored first data is first video data and the stored second data is second video data;

said stored first video data has a first frame rate; and

said stored second video data has a second frame rate.

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~~37. (Amended) The device of claim 1, further comprising:~~

~~a sampler operative to sample data representing each image associated with the portion of the time period closer to the event at a first image sampling rate to generate the image data which represents each image at the first resolution and to sample data representing each image associated with the portion of the time period further from the event at a second image sampling rate to generate the image data which represents each image at the second resolution.~~

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~~38. (Amended) The device of claim 1, wherein the control processor is operative to compress the data associated with the portion of the time period closer to an event at a first compression ratio and the data associated with the portion of the time period further from an event at a second compression ratio different than the first compression ratio.~~

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39. (Amended) The method according to claim 15, further comprising the step of:

sampling data representing each image associated with the portion of the time period closer to the event at a first image data sampling rate to generate the first image data; and

sampling data representing each image associated with the portion of the time period further from the event at a second image data sampling rate to generate the second image data.

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44. (Amended) A compact portable device for recording data with no moving parts, said recording device comprising:

at least one first sensor type operative to generate image data associated with a period of time;

at least one second sensor type operative to generate a signal representing an event;

at least one circular buffer memory for storing the data;

a control processor operative to receive the signal representing the event and to store the data in the at least one circular buffer memory, wherein each image represented by the stored data associated with a portion of the time period after receipt of the event signal has a first image resolution and each image represented by the stored data associated with a portion of the time prior to receipt of the event signal has a second image resolution lower than the first resolution;

a portable housing configured to house the control processor and the memory; and

at least one connector disposed on said housing for outputting the stored data.